IN THE CLAIMS

Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A multi-eye imaging apparatus comprising:

a plurality of imaging systems including a first imaging system and a second imaging system, each imaging system including an optical system and an imaging element and having a different optical axis, wherein ~~the plurality of imaging systems include:~~

~~a~~ the first imaging system includes a shifter that changes a first ~~having a pixel shift means for changing a~~ relative positional relationship in a fixed change amount, between an image formed on the imaging element of the first imaging system [[,]] and the imaging element of the first imaging system, during a time-series image capture, [[;]] and

~~a~~ the second imaging system ~~in which~~ has a second relative positional relationship, between an image formed on the imaging element of the second imaging system [[,]] and the imaging element of the second imaging system, that is fixed during the time-series image capture; [[,]]

~~the multi-eye imaging apparatus further comprising:~~

an image memory ~~for accumulating~~ that accumulates a plurality of frames of image information captured in the time series from the first and second imaging systems;

a shake amount obtaining ~~means~~ unit that obtains a shake amount by ~~for~~ comparing the plurality of frames of image information in the image memory, captured in the time series ~~by~~ from the second imaging system ~~and accumulated in the image memory to obtain a shake amount~~;

~~an image combining means for combining the plurality of frames of images accumulated in the image memory after their pixels are shifted relative to each other so that resolution of the combined image is higher than that of the plurality of frames of images; and~~

a parallax amount obtaining ~~means~~ unit that obtains ~~for obtaining~~ a magnitude of a parallax from images in the image memory, captured by the first and second ~~plurality of~~ imaging systems ~~having the different optical axes~~,

~~wherein a change amount of the positional relationship by the pixel shift means is fixed,~~

~~the shake amount obtaining means obtains the shake amount after image capture, that is performed by changing the positional relationship in time series using the first imaging system, is finished, and~~

~~the multi-eye imaging apparatus further comprises~~ an optimal image selecting ~~means for selecting~~ unit that selects a combination of image information from the plurality of frames of image information in the image memory, captured in the time series from ~~which is used in the combination of the image combining means, from image information captured by~~ the first imaging system and ~~image information captured by~~ the second imaging system ~~that are accumulated in the image memory~~, so that a resolution of a combined image information is higher than that of each of the plurality of frames of image information; and ~~based on the shake amount, obtained by the shake amount obtaining means and the parallax amount obtained by the parallax amount obtaining means.~~

an image combining unit configured to combine the selected combination of image information.

2-4. (Cancelled)

5. (Currently Amended) The multi-eye imaging apparatus according to claim 1, wherein the image combining unit ~~means~~ corrects and combines the images based on the parallax amount obtained by the parallax amount obtaining unit ~~means~~ and the shake amount obtained by the shake amount obtaining unit ~~means~~.

6. (Cancelled)

7. (Currently Amended) The multi-eye imaging apparatus according to claim 1, further comprising:

~~means~~ a discrimination unit for discriminating different subjects,

wherein the shake amount obtaining unit ~~means~~ obtains a shake amount for each of the different subjects, and

the image combining unit ~~means~~ combines images for each of the different subjects.

8. (Currently Amended) The multi-eye imaging apparatus according to claim 1, further comprising:

~~means~~ a division unit for dividing image information into a plurality of blocks,

wherein the shake amount obtaining unit ~~means~~ obtains a shake amount for each of the plurality of blocks, and

the image combining unit ~~means~~ combines images for each of the plurality of blocks.

9. (Original) The multi-eye imaging apparatus according to claim 1, wherein the plurality of imaging systems having the different optical axes are composed of: an imaging system for handling a red color; an imaging system for handling a green color; and an imaging system for handling a blue color, wherein, for at least one corresponding to one color of the imaging systems corresponding to the respective colors, the number of the imaging systems corresponding to the one color is two or more, and the two or more imaging systems for handling the one color include the first imaging system and the second imaging system.

10. (Cancelled)

11. (New) The multi-eye imaging apparatus according to claim 1, wherein the shifter changes the first relative positional relationship using only the fixed change amount.